



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET**CONFIRMATION NO. 3839**

Bib Data Sheet

SERIAL NUMBER 10/643,766	FILING DATE 08/18/2003 RULE	CLASS 228	GROUP ART UNIT 1725	ATTORNEY DOCKET NO.
-----------------------------	---------------------------------------	--------------	------------------------	------------------------

APPLICANTS

John MacKay, San Jose, CA;

Tom Molinaro, Union City, CA;

** CONTINUING DATA *****

This application is a CIP of 09/962,007 09/24/2001 PAT 6,609,652
 which is a CIP of 09/273,517 03/22/1999 PAT 6,293,456
 which is a CIP of 08/863,800 05/27/1997 PAT 5,988,487
 and claims benefit of 60/079,006 03/23/1998
 and claims benefit of 60/079,221 03/24/1998
 and claims benefit of 60/092,055 07/08/1998
 This application 10/643,766
 is a CIP of 10/630,310 07/30/2003

OK JJ

** FOREIGN APPLICATIONS *****

none JJ

IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY **

** 02/02/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY CA	SHEETS DRAWING 16	TOTAL CLAIMS 17	INDEPENDENT CLAIMS 3
--	---	---------------------------	-------------------------	-----------------------	----------------------------

ADDRESS

Gerald E. Linden
 12925 LaRochelle Cr.
 Palm Beach Gardens , FL
 33410

TITLE

Forming solder balls on substrates

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT for follow-up	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
------------	--	---

RECEIVED 450	NO. _____ FOR FOLLOWING:	<table border="1"><tr><td><input checked="" type="checkbox"/> 1.18 Fees (Issue)</td></tr><tr><td><input type="checkbox"/> Other _____</td></tr><tr><td><input type="checkbox"/> Credit</td></tr></table>	<input checked="" type="checkbox"/> 1.18 Fees (Issue)	<input type="checkbox"/> Other _____	<input type="checkbox"/> Credit
<input checked="" type="checkbox"/> 1.18 Fees (Issue)					
<input type="checkbox"/> Other _____					
<input type="checkbox"/> Credit					